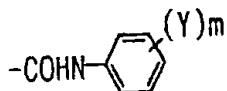


wherein each of R^1 through R^4 and R^6 independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetyl amino group, a benzoyl amino group, a halogen atom, or $-\text{COOR}^7$;

R^7 represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R^5 represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, $-\text{COO}-\text{R}^8$ or



R^8 represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

28. (NEW) Monoazo metal complex compound containing composition of claim 27 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

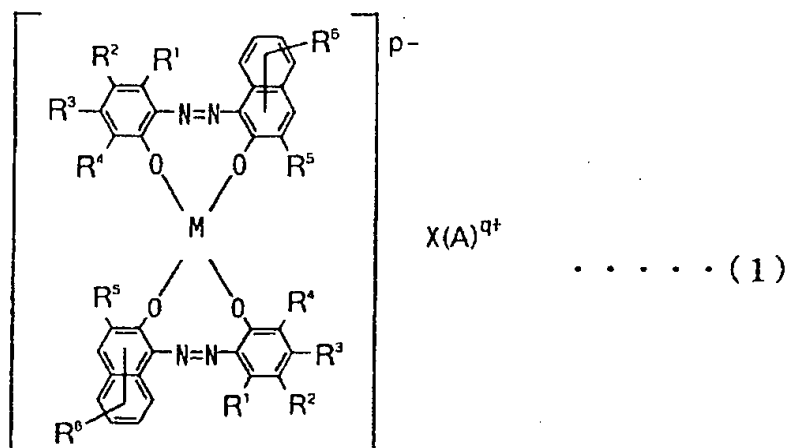
R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

29. (NEW) Charge control agent comprising a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%.

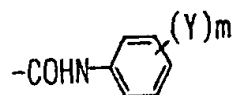
30. (NEW) Charge control agent of claim 29 wherein said monoazo metal complex compound is a compound of the following formula (1):



wherein each of R¹ through R⁴ and R⁶ independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, or -COOR⁷;

R⁷ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R⁵ represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, -COO-R⁸ or



R⁸ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

31. (NEW) Charge control agent of claim 30 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

32. (NEW) Toner for developing electrostatic images which contains a charge control agent comprising a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%.

33. (NEW) Toner of claim 32 wherein said monoazo metal complex compound is a compound of the following formula (1):



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Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

C³ (A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

34. (NEW) Toner of claim 33 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

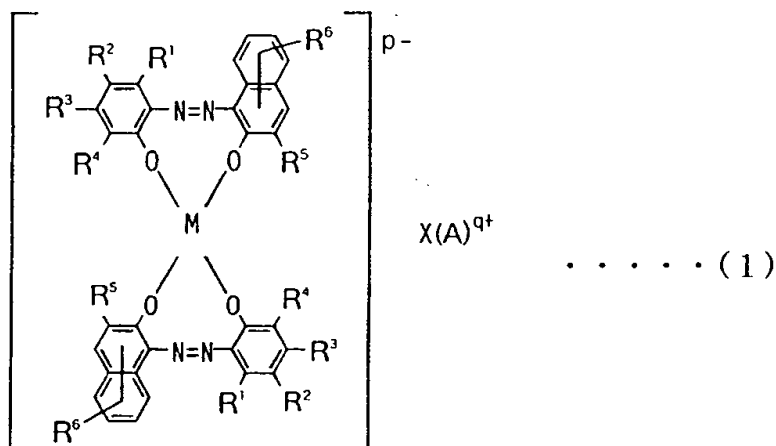
R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

35. (NEW) Coloring agent containing a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%.

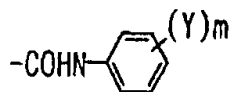
36. (NEW) Coloring agent of claim 35 wherein said monoazo metal complex compound is a compound of the following formula (1):



wherein each of R¹ through R⁴ and R⁶ independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetyl amino group, a benzoyl amino group, a halogen atom, or -COOR⁷;

R⁷ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R⁵ represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, -COO-R⁸ or



R⁸ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

37. (NEW) Coloring agent of claim 36 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

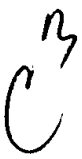
R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

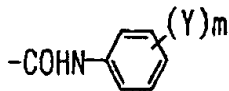
(A)^{q+} is H⁺.

38. (NEW) Colored thermoplastic resin composition containing a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%.

39. (NEW) Colored thermoplastic resin composition of claim 38 wherein said monoazo metal complex compound is a compound of the following formula (1):



R⁵ represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, -COO-R⁸ or



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Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

C³
(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

40. (NEW) Colored thermoplastic resin composition of claim 39 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

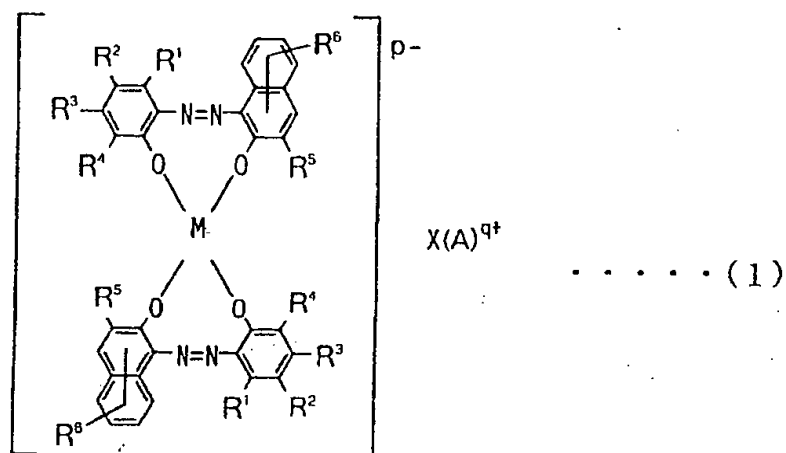
R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

41. (NEW) Monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%, and wherein the purity of said monoazo metal complex compound is not less than 90% as determined by high performance liquid chromatography.

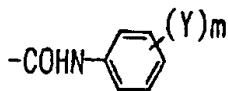
42. (NEW) Monoazo metal complex compound containing composition of claim 41 wherein said monoazo metal complex compound is a compound of the following formula (1):



wherein each of R¹ through R⁴ and R⁶ independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, or -COOR⁷;

R⁷ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R⁵ represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, -COO-R⁸ or



R^8 represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

43. (NEW) Monoazo metal complex compound containing composition of claim 42 wherein R^2 in Formula (1) above is Cl;

each of R^1 and R^3 through R^5 is a hydrogen atom;

R^6 is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

44. (NEW) Charge control agent comprising a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%,

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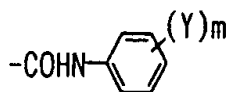


23.

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alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, $-\text{COO}-\text{R}^8$ or



R^8 represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

$(\text{A})^{q+}$ represents H^+ , NH_4^+ , a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

46. (NEW) Charge control agent of claim 45 wherein R^2 in Formula (1) above is Cl;

each of R^1 and R^3 through R^5 is a hydrogen atom;

R^6 is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

$(\text{A})^{q+}$ is H^+ .

47. (NEW) Toner for developing electrostatic images which contains a charge control agent comprising a monoazo metal complex

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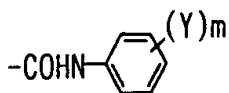
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wherein each of R¹ through R⁴ and R⁶ independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, or -COOR⁷;

R⁷ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R⁵ represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, -COO-R⁸ or



R⁸ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

49. (NEW) Toner of claim 48 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

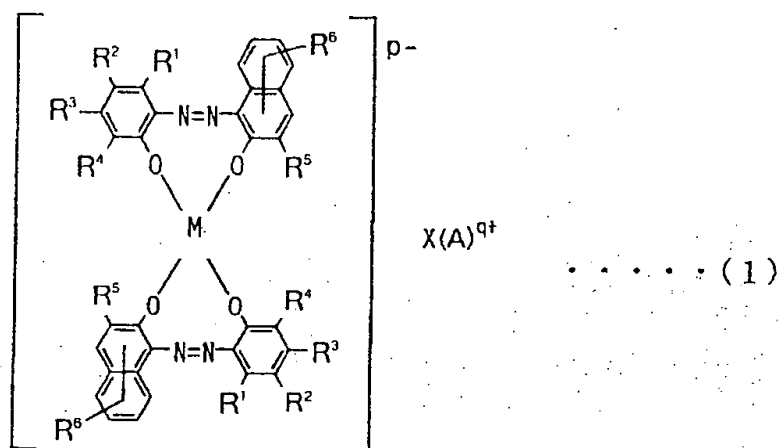
R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

50. (NEW) Coloring agent containing a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%, and wherein the purity of said monoazo metal complex compound is not less than 90% as determined by high performance liquid chromatography.

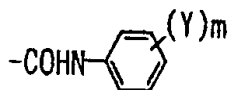
51. (NEW) Coloring agent of claim 50 wherein said monoazo metal complex compound is a compound of the following formula (1):



wherein each of R¹ through R⁴ and R⁶ independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetyl amino group, a benzoyl amino group, a halogen atom, or -COOR⁷;

R⁷ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R⁵ represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, -COO-R⁸ or



R⁸ represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

(A)^{q+} represents H⁺, NH₄⁺, a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

52. (NEW) Coloring agent of claim 51 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

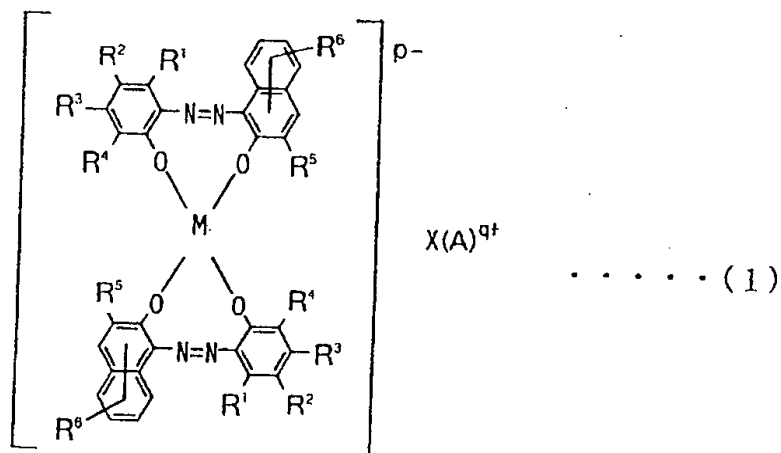
R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

53. (NEW) Colored thermoplastic resin composition containing a monoazo metal complex compound containing composition, the incidence of skin sensitization in a skin sensitization potential test, based on the maximization method, of said composition being not more than 20%, and wherein the purity of said monoazo metal complex compound is not less than 90% as determined by high performance liquid chromatography.

54. (NEW) Colored thermoplastic resin composition of claim 53 wherein said monoazo metal complex compound is a compound of the following formula (1):

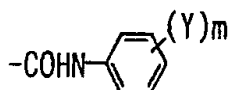


wherein each of R¹ through R⁴ and R⁶ independently represents a hydrogen atom, a normal or branched alkyl group having 1 to 18 carbon atoms, a normal or branched alkenyl group having 2 to 18 carbon atoms, a sulfonamide group, a mesyl group, a sulfonic acid

group, a hydroxy group, an alkoxy group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, or $-\text{COOR}^7$;

R^7 represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

R^5 represents a hydrogen atom, a halogen atom, a nitro group, a carboxyl group, a normal or branched alkyl group having 1 to 18 carbon atoms, an alkenyl group having 2 to 18 carbon atoms, an alkoxy group having 1 to 18 carbon atoms, an aryl group having 6 to 18 carbon atoms, $-\text{COO}-\text{R}^8$ or



R^8 represents a normal or branched alkyl group having 1 to 18 carbon atoms or an aryl group having 6 to 18 carbon atoms;

Y represents a hydrogen atom, a normal or branched alkyl group having 1 to 8 carbon atoms, an alkoxy group having 1 to 5 carbon atoms, a nitro group, or a halogen atom;

m represents an integer from 1 to 3;

M represents a divalent or trivalent metal;

p represents 1 or 2;

$(\text{A})^{q+}$ represents H^+ , NH_4^+ , a cation based on an alkali metal, a cation based on an organic amine, or a quaternary organic ammonium ion;

q represents 1 or 2; and

X represents 1 or 2.

55. (NEW) Colored thermoplastic resin composition of claim 54 wherein R² in Formula (1) above is Cl;

each of R¹ and R³ through R⁵ is a hydrogen atom;

R⁶ is a hydrogen atom or a normal or branched alkyl group having 1 to 18 carbon atoms;

M is Cr, Fe or Cu; and

(A)^{q+} is H⁺.

Please file the accompanying documents:

1. Certified translations into English (both signed April 3, 2003) of:

(1) first Japanese Priority Application No. 2000 - 163222 dated May 31, 2000, and

(2) second Japanese Priority Application No. 2001 - 114208 dated April 12, 2001, respectively; and

2. Declaration Under 37 CFR 1.132 executed April 2, 2003.

REMARKS

The 45 claims now pending are claims 7-21 and 26-55.

Claims 7-21 (15 claims) and claims 26-55 (30 claims) comprise 45 claims including 13 independent claims, such that an additional claim fee for 20 extra claims including 5 extra independent claims appears to be warranted.

Claims 7-21 stand withdrawn as directed to a non-elected method invention, whereas claim 25 stands withdrawn as directed to a non-elected composition invention species.